

10-27-00

PTO/SB/05 (4/98)

Please type a plus sign (+) inside this box → ☒Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 213/001-US4

First Inventor or Application Identifier Guangyi Wang

Title Sugar Modified Nucleoside

Express Mail Label No. EL6445030193US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Specification [Total Pages   
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets
4. Oath or Declaration [Total Pages 
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT  
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☒ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☐ \* Small Entity Statement filed in prior application  
Statement(s) ☐ Status: still proper and desired  
(PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☐ Other: \_\_\_\_\_

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 09/766,991

Prior application information: Examiner J. Riley

Group / Art Unit: 1656

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name	Sandra Poteat Thompson				
	Fish & Associates, LLP				
Address	1440 N. Harbor Blvd.				
	Suite 706				
City	Fullerton	State	CA	Zip Code	92835
Country		Telephone	714-449-2337	Fax	714-449-2339

Name (Print/Type)	Sandra P. Thompson	Registration No. (Attorney/Agent)	46,264
Signature	<i>Sandra P. Thompson</i>	Date	10/25/00

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

JC948 U.S. PTO

10/25/00

# FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$)**710.00**

## Complete if Known

Application Number  
Filing Date **October 25, 2000**  
First Named Inventor **Guangyi Wang**  
Examiner Name  
Group / Art Unit  
Attorney Docket No. **213/001-US4**

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

Deposit Account Name

☐ Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
101	201	760	Utility filing fee	710.00
106	206	310	Design filing fee	
107	207	480	Plant filing fee	
108	208	760	Reissue filing fee	
114	214	150	Provisional filing fee	

SUBTOTAL (1) (\$)**710.00**

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
20**	= 0	X 18	= 0
Independent Claims	1	- 3** = 0	X 80 = 0
Multiple Dependent			= 0

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description
103	203	18	Claims in excess of 20
102	202	78	Independent claims in excess of 3
104	204	260	Multiple dependent claim, if not paid
109	209	78	** Reissue independent claims over original patent
110	210	18	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**0.00**

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	205	130	Surcharge - late filing fee or oath	0.00
127	227	50	Surcharge - late provisional filing fee or cover sheet	0.00
139	239	130	Non-English specification	0.00
147	247	2,520	For filing a request for reexamination	0.00
112	212	920*	Requesting publication of SIR prior to Examiner action	0.00
113	213	1,840*	Requesting publication of SIR after Examiner action	0.00
115	215	110	Extension for reply within first month	0.00
116	216	380	Extension for reply within second month	0.00
117	217	870	Extension for reply within third month	0.00
118	218	1,360	Extension for reply within fourth month	0.00
128	228	1,850	Extension for reply within fifth month	0.00
119	219	300	Notice of Appeal	0.00
120	220	300	Filing a brief in support of an appeal	0.00
121	221	260	Request for oral hearing	0.00
138	238	1,510	Petition to institute a public use proceeding	0.00
140	240	110	Petition to revive - unavoidable	0.00
141	241	1,210	Petition to revive - unintentional	0.00
142	242	1,210	Utility issue fee (or reissue)	0.00
143	243	430	Design issue fee	0.00
144	244	580	Plant issue fee	0.00
122	222	130	Petitions to the Commissioner	0.00
123	223	50	Petitions related to provisional applications	0.00
126	226	240	Submission of Information Disclosure Stmt	0.00
581	281	40	Recording each patent assignment per property (times number of properties)	0.00
146	246	760	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149	249	760	For each additional invention to be examined (37 CFR § 1.129(b))	0.00
Other fee (specify)				0.00
Other fee (specify)				0.00

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**0.00**

## SUBMITTED BY

Name (Print/Type)	Registration No. (Attorney/Agent)	Telephone
<b>Sandra Poteat Thompson</b>	<b>46,264</b>	<b>449-2337</b>
Signature	Date	
<i>Sandra Poteat Thompson</i>	<b>10/25/2000</b>	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Wang, Guangyi**

Application No.: **Unknown**

Filed: **October 25, 2000**

For: **Sugar Modified Nucleosides**

Group No.: **1656**

Examiner: **J. Riley**

**Assistant Commissioner for Patents  
Washington D.C. 20231**

**EXPRESS MAIL CERTIFICATE**

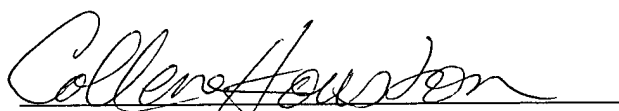
"Express Mail" label number **EL645030193US**

Date of Deposit 10/25/00

I hereby state that the following *attached* paper(s) or fee:

Continuation Patent Application Transmittal, Fee Transmittal, Copy of Declaration from Parent Application, Preliminary Amendment (5 pages), Check No. 2229 for \$710.00, and Return Receipt Postcard.

~~are being deposited with the United States Postal Service "Express Mail Post Office to Addressee"~~  
service under 37 CFR 1.10, on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Collene Houston



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231

In re App. of: **Guangyi Wang**

Examiner: **Marshall/Riley**

Serial No: **08/552,363**  
Class-Subclass: **536-022.100**  
Batch No.: **082**

Art Unit: **1808**

Filed: **November 2, 1995**

For: **Sugar Modified Nucleosides and  
Their Use for Synthesis of  
Oligonucleotides**

**DECLARATION**

As a below named inventor, I hereby declare that:

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

APPLICATION NO.	DATE OF FILING	STATUS: PATENTED, PENDING OR ABANDONED
08/333,545	November 2, 1994	Patented

SOLE INVENTOR		
Last name of inventor:	First Name:	Middle Initial:
Wang	Guangyi	

SIGNATURES		
Sole Inventor	Signature: <i>Wang Guangyi</i>	Date: 12/15/97

(Signature(s) should conform to names as presented at 201 et seq. above)